

Enzymes are shown.

Please **delete** pages ~~37~~ and ~~60~~, and renumber the remaining pages as appropriate.

In the Claims

Please **cancel** claims ~~4-6, 29, 33 and 37-60~~ without prejudice.

Please **add** claims **61-84**.

- F1
Ex
61. (New) A purified antibody which is generated against a polypeptide comprising at least a portion of the amino acid sequence of SEQ ID NO: 4 and which specifically binds to a LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4, but which does not cross-react with non-LAT ZAP 70 or non-LAT Syk substrates. — no?
62. (New) The purified antibody of any of claims 61, wherein said polypeptide comprising at least a portion of the amino acid sequence of SEQ ID NO: 4 comprises the cytosolic tail of LAT.
63. (New) The purified antibody of any of claims 61, wherein said polypeptide comprising at least a portion of the amino acid sequence of SEQ ID NO: 4 comprises amino acids 31-233 of LAT.
64. (New) The purified antibody of claim 61, wherein the at least a portion comprises SEQ ID NO:4.
65. (New) The purified antibody of any of claims 61-64, wherein the antibody is a polyclonal antibody.

66. (New) The purified antibody of any of claims 61-64, wherein the antibody is a monoclonal antibody.
67. (New) A purified antibody which is generated against a polypeptide comprising at least a portion of the amino acid sequence of SEQ ID NO: 4, wherein the at least a portion of the amino acid sequence comprises a phosphotyrosine residue and wherein the antibody specifically binds to a phosphorylated LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4, but which does not cross-react with other non-LAT ZAP 70 or non-LAT Syk substrates.
68. (New) The purified antibody of claim 67, wherein the at least a portion comprises at least about 5 amino acids of SEQ ID NO. 4.
69. (New) The purified antibody of claim 67, wherein the at least a portion comprises at least about 20 amino acids of SEQ ID NO. 4.
70. (New) The purified antibody of claim 67, wherein the at least a portion comprises SEQ ID NO. 4.
71. (New) The purified antibody of any of claims 67-70, wherein the antibody is a polyclonal antibody.
72. (New) The purified antibody of any of Claims 67-70, wherein the antibody is a monoclonal antibody.
73. (New) A purified antibody which is generated against a polypeptide comprising at least about five amino acids of the amino acid sequence of SEQ ID NO: 4 and which specifically binds to a LAT polypeptide comprising an amino acid sequence according to

SEQ ID NO: 4.

74. (New) The purified antibody of Claim 73, wherein the polypeptide comprising at least about five amino acids comprises at least about 20 amino acids of SEQ ID NO: 4.
75. (New) The purified antibody of Claim 73, wherein the polypeptide comprising at least about five amino acids comprises SEQ ID NO: 4.
76. (New) The purified antibody of Claim 74, wherein said polypeptide comprising at least about twenty amino acids of the amino acid sequence of SEQ ID NO: 4 comprises the cytosolic tail of LAT.
77. (New) The purified antibody of claim 76, wherein said polypeptide comprising at least about twenty amino acids of the amino acid sequence of SEQ ID NO: 4 comprises amino acids 31-233 of LAT.
78. (New) The purified antibody of any of claims 73-77, wherein the antibody is a polyclonal antibody.
79. (New) The purified antibody of any of claims 73-77, wherein the antibody is a monoclonal antibody.
80. (New) A purified antibody which is generated against a polypeptide comprising at least about five amino acids of the amino acid sequence of SEQ ID NO: 4, wherein the at least about five amino acids comprises a phosphotyrosine residue and wherein the antibody specifically binds to a phosphorylated LAT polypeptide comprising an amino acid sequence according to SEQ ID NO: 4.
81. (New) The purified antibody of claim 80, wherein the polypeptide comprising at least